

ABSTRACT OF THE DISCLOSURE

In a polyimide molded body, in particular a polyimide membrane which is functionalized with a chemical group and a method for production thereof, a molded body or membrane is obtained, whereby a pre-prepared polyimide body, as starting
5 material, is brought into contact with an aqueous modifier solution for a period of 1 second to 1 hour. The modifier solution contains at least one modifier substance at least partially dissolved therein, which comprises a primary or secondary amino group, or a similar amino group and additionally at
10 least one further functional group per molecule. The polyimide molded body is brought to an elevated temperature, either during the contact period with the modifier solution or thereafter and then purified and dried. The membrane obtained according to the invention may be functionalized in a targeted
15 adjustable manner and has a high functionalization degree. The functionalization may be achieved simply and economically in an aqueous medium. The membranes obtained are suitable for use in the technical, biotechnological and medical fields and as starter membranes for the production of affinity membranes.